

IN THE CLAIMS:

Please amend Claims 1 and 14, as follows.

1. (Currently Amended) An image projector, comprising:

a film assembly comprising a periscope, having a first aperture, and a plurality of rollers on which a continuous film is to be mounted, said rollers being rotatably secured to said film assembly so as to rotate about substantially parallel axes so as to mount the film to scroll in front of said first aperture of said periscope;

a motor, mounted on said film assembly, for scrolling the film around said periscope and in front of said first aperture;

a light source projecting light through said periscope and portions of the film positioned in front of said first aperture of said periscope; and

a lens for focusing the light projected through the film and said periscope;

~~a carriage supporting said film assembly, said periscope, said plurality of rollers, and said motor,~~

wherein said ~~carriage and~~ film assembly, with said periscope, said plurality of rollers, and said motor mounted thereon, is slidingly secured to said lens to move on a track, along the light path, are slidingly secured to each other such that a distance along the light path between said lens and the film mounted on said rollers is variable, and focusing of an image on the film projected by said image projector is performed by varying the distance between said lens and the film.

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Previously Amended) An image projector according to Claim 1, wherein one of said plurality of rollers is rotated by said motor, causing the film, when mounted, to scroll about the rollers in directions substantially perpendicular to the axes of rotation of said rollers.

6. (Original) An image projector according to Claim 5, wherein said film assembly comprises four rollers.

7. (Original) An image projector according to Claim 5, wherein one of said rollers is pivotably mounted in said film assembly so as to swing inwardly and outwardly in directions substantially perpendicular to the axes of rotation of said rollers, and

wherein said film assembly further comprises a biasing spring, said biasing spring biasing said pivotably mounted roller outward so as to pull the film, when mounted, taut against said plurality of rollers to secure the film on said rollers.

8. (Canceled)

9. (Previously Amended) An image projector according to Claim 5, further comprising a housing containing said carriage, said film assembly, said lens, said motor and said light source, with said light source and said lens being secured in said housing; and

means for varying the position of said carriage with respect to said lens and said housing,

wherein said carriage, supporting said film assembly, is removably secured to said housing.

10. (Original) An image projector according to Claim 5, wherein said motor is mounted on said film assembly.

11. (Original) An image projector according to Claim 3, wherein said periscope further comprises a first mirror, a second mirror, and a second aperture.

12. (Original) An image projector according to Claim 11, wherein said light source, the film, said first aperture, said first mirror, said second mirror, said second aperture and said lens are arranged in that order along the light path.

13. (Original) An image projector according to Claim 11, wherein said light source, said second aperture, said second mirror, said first mirror, said first aperture, the film and said lens are arranged in that order along the light path.

14. (Currently Amended) An image projector, comprising:

a film assembly comprising a periscope and a plurality of rotatably mounted rollers, said plurality of rollers mounting a continuous film so as to scroll about said periscope, in directions substantially perpendicular to axes of rotation of said rollers, such that portions of the film pass in front of a first aperture of said periscope;

a motor, mounted on said film assembly, for rotating at least one of said rollers so as to cause the film to scroll around said periscope;

a light source projecting light through (i) the portions of the film positioned in front of said first aperture, as the film scrolls past said first aperture and across the light path, and (ii) through said periscope;

a lens for focusing the light projected through the film and said periscope;

and

~~a carriage for supporting said film assembly, said periscope, said plurality of rollers, and said motor, with said film assembly and motor being secured to said carriage;~~  
and

a housing containing said carriage, said film assembly, said plurality of rollers, said lens, said light source, and said motor,

wherein said ~~carriage and~~ film assembly, with said periscope, said plurality of rollers, and said motor mounted thereon, is slidingly secured to said lens to move on a track, along the light path, are slidingly secured to each other such that a distance along the light path between said lens and the film mounted on said film assembly is variable, and focusing of an image on the film projected by said image projector is performed by varying the distance between said lens and the film,

and said ~~carriage~~ film assembly is removably secured to said housing such that said ~~carriage~~ film assembly may be removed from said housing to interchange films to be mounted on said plurality of rollers.

15. (Original) An image projector according to Claim 14, wherein one of said rollers is pivotably mounted in said film assembly so as to swing inwardly and outwardly in directions substantially perpendicular to the axes of rotation of said rollers, and

wherein said film assembly further comprises a biasing spring, said biasing spring biasing said pivotably mounted roller outward so as to pull the film, when mounted, taut against said plurality of rollers to secure the film on said rollers.

16. (Canceled)

17. (Canceled)

18. (Original) An image projector according to Claim 14, wherein said periscope further comprises a first mirror, a second mirror, and a second aperture.

19. (Original) An image projector according to Claim 18, wherein said light source, the film, said first aperture, said first mirror, said second mirror, said second aperture and said lens are arranged in that order along the light path.

20. (Previously Amended) An image projector, comprising:

mounting means for mounting a continuous film;

light projecting means for projecting light through portions of the film mounted on said mounting means;

light path shifting means for shifting the light path of the light projected by said light projecting means before or after the light has been projected through the portions of the scrolling film;

scrolling means for scrolling the continuous film mounted on said mounting means around said light path shifting means and across the light path of said light projecting means;

supporting means for supporting said mounting means, said light path shifting means, and said scrolling means;

focusing means for focusing the light projected through the scrolling film by said light projecting means and shifted by said light path shifting means, so as to project a scrolling image formed by a pattern on the scrolling film, said focusing means comprising a lens slidably secured to said supporting means and performing focusing by varying the distance between said lens and the film; and

housing means for housing said mounting means, said light projecting means, said light path shifting means, said scrolling means, said supporting means, and said focusing means,

wherein said supporting means is removably secured to said housing means such that said supporting means may be removed from said housing means to interchange films to be mounted on said mounting means.